

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION <input checked="" type="checkbox"/> Declaration <input type="checkbox"/> Declaration Submitted with Submitted after Initial Initial Filing Filing (surcharge 37 CFR 1.16(e) required)	Attorney Docket No.	MIT-132 (5473/145)
	First Named Inventor	Chen et al
	COMPLETE IF KNOWN	
	Application Serial Number	
	Filing Date	Herewith
	Group Art Unit	
	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Vacuum Electron Device With Photonic Bandgap Structure And Method Of Use Thereof

(Title of the Invention)

the specification of which

☒ is attached hereto
OR☐ was filed on
(MM/DD/YYYY)

as United States Application Serial Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.
60/278,131	03/23/01	

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Declaration and Power of Attorney for Utility or Design Patent Application

Serial No.

Atty. Docket No. MIT-132 (1473/145)

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DECLARATION – Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer
Number Bar Code
Label Here

Name	Registration Number	Name	Registration Number
Michael J. Bastian	47,411	John D. Lanza	40,060
Steven M. Bauer	31,481	Kurt W. Lockwood	40,704
Elias C. Behrakis	47,416	Thomas C. Meyers	36,989
John V. Bianco	36,748	Joseph B. Milstein	42,897
Maureen A. Bresnahan	44,559	David G. Miranda	42,898
Michael H. Brodowski	41,640	Ronda P. Moore	44,244
Jennifer A. Camacho	43,526	Indranil Mukerji	46,944
Joseph A. Capraro, Jr.	36,471	Edmund R. Pitcher	27,829
John J. Cotter	38,116	Michael A. Rodriguez	41,274
Brian A. Fairchild	P-48,645	Jamie H. Rose	45,054
John V. Forcier	42,545	Christopher W. Stamos	35,370
Steven J. Frank	33,497	Diana M. Steel	43,153
Kia L. Freeman	47,577	Joel Stettenheim	P-48,797
Brian M. Gaff	44,691	Joseph P. Sullivan	45,349
Duncan A. Greenhalgh	38,678	Robert J. Tosti	35,393
William G. Guerin	41,047	Thomas A. Turano	35,722
Ira V. Heffan	41,059	Christine C. Vito	39,061
Danielle L. Herritt	43,670	Patrick R.H. Waller	41,418
Douglas J. Kline	35,574	Daniel A. Wilson	45,508
		Gerald E. Worth	45,238
		Yin P. Zhang	44,372
<input type="checkbox"/> Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.			

Direct all correspondence to:

Patent Administrator
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Chiping				Chen				
Inventor's Signature	<i>Chiping Chen</i>					Date	Jan. 2, 2002	
Residence	City	Needham	State	MA	Country	USA	Citizenship	P. R. China
Mailing Address	23 Doane Avenue							
Mailing Address (ln. 2)	City	Needham	State	MA	ZIP	02492	Country	USA
<input checked="" type="checkbox"/> Additional inventors are being named on the one supplemental Additional Inventor(s) sheet(s) attached hereto.								
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Michael				Shapiro				
Inventor's Signature	<i>Michael Shapiro</i>					Date	Jan. 2, 2002	
Residence	City	Marblehead	State	MA	Country	USA	Citizenship	Russia
Mailing Address	25 Arnold Terrace							
Mailing Address (ln. 2)	City	Marblehead	State	MA	ZIP	01945	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Jagdishwar				Sirigiri				
Inventor's Signature	<i>Jagdishwar Sirigiri</i>					Date	2 Jan. 2002	
Residence	City	Cambridge	State	MA	Country	USA	Citizenship	India
Mailing Address	143 Albany Street, # 421A							
Mailing Address (ln. 2)	City	Cambridge	State	MA	ZIP	02139	Country	USA

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>4</u> of <u>4</u>
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Richard J.				Temkin				
Inventor's Signature	<i>Richard J Temkin</i>					Date		
						JAN. 2, '02		
Residence	City	Newton	State	MA	Country	USA	Citizenship	USA
Mailing Address	35 O'Rourke Path							
Mailing Address (ln. 2)	City	Newton	State	MA	ZIP	02459	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Inventor's Signature						Date		
Residence	City		State		Country		Citizenship	
Mailing Address								
Mailing Address (ln. 2)	City		State		ZIP		Country	

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